

**Garant****Slim hydraulic chuck, HSK-E 50 A = 70, Clamping range  $\varnothing$  D1: 12 mm****Order data**

|              |               |
|--------------|---------------|
| Order number | 307528 12     |
| GTIN         | 4062406115081 |
| Item class   | 31A           |

**Description****Version:**

- **Extremely slim design (3°-contour).**
- **With Balluffchip bore.**
- **Axial length adjustment facility.**
- **Shanks hard turned.**

**Advantage:**

- **Temperature-resistant due to completely enclosed system, i.e. no soldered pressure chambers.**
- **Ideal damping characteristics.**
- **High transmissible torques, providing high process reliability.**

**Application:**

Especially in operations in toolmaking and mould making.

**Wherever reduced interference contours are required.**

For drilling, reaming and milling

For clamping tools with shank tolerance h6.

**Supplied with:**

Hexagon socket drive with T-handle.

**Optional extras:**

Reducing sleeves No. 302135 – 302180.

$\varnothing$  D<sub>2</sub>: 18 mm

$\varnothing$  D<sub>3</sub>: 20.1 mm

External  $\varnothing$  D: 42 mm

L<sub>2</sub>: 39 mm

## Technical description

|                                       |                          |
|---------------------------------------|--------------------------|
| Ø D <sub>3</sub>                      | 20.1 mm                  |
| Ø D <sub>2</sub>                      | 18 mm                    |
| External Ø D                          | 42 mm                    |
| L <sub>2</sub>                        | 39 mm                    |
| Adapter                               | HSK-E 50 A = 70          |
| Arbor standard                        | DIN 69893                |
| Arbor standard                        | ISO 12164-1              |
| Shape                                 | A                        |
| Balance quality G at rotational speed | G 2.5 at 25,000 rpm      |
| Concentricity                         | ≤ 3 µm                   |
| Machining strategy                    | HPC                      |
| Machining strategy                    | HSC                      |
| Type of product                       | Hydraulic clamping chuck |